Claims

[1] 1. A track jump apparatus which performs track jumping in consideration of a position of a pickup, the apparatus comprising:
a pickup, which reads a signal from an optical disc;
an RF processing unit, which outputs an error signal controlling the pickup by shaping and amplifying the signal transmitted from the pickup;
a servo, which judges a position of the pickup from the error signal output from the RF processing unit and outputs a track jump start/end control signal; and
a driver, which moves the position of the pickup using the track jump start/end control signal output from the servo.

[2] 2. The apparatus of claim 1, wherein in a case where the position of the pickup judged by the error signal output from the RF processing unit is within a reference range, the servo outputs a predetermined voltage for the track jump start/end control to the driver.

[3] 3. The apparatus of claim 1, wherein in a case where the position of the pickup judged by the error signal output from the RF processing unit does not fall within the reference range, the servo cuts off the predetermined voltage for the track jump start/end control output to the driver until the position of the pickup is within the reference range.

[4] 4. A track jump method which performs track jumping in consideration of a position of a pickup, the method including:
(a) outputting an error signal controlling the pickup by shaping and amplifying an optical disc signal transmitted from the pickup;
(b) judging a position of the pickup from the error signal when a track jump is performed and outputting a track jump start/end control signal for the pickup; and
(c) moving the position of the pickup using the track jump start/end control signal.

[5] 5. The method of claim 4, wherein step (b) comprises;
(b-1) in a case where the position of the pickup judged by the error signal is within a reference range, outputting a predetermined voltage for the track jump start/end control; and
(b-2) in a case where the position of the pickup judged by the error signal exceeds the reference range, cutting off the predetermined voltage for the track

jump start/end control until the position of the pickup is within the reference range.